APPENDIX A-2

World Record of Space Launches Successful in Attaining Earth Orbit or Beyond

(Enumerates launches rather than spacecraft; some launches orbited multiple spacecraft.)

Calendar Year	United States	USSR/ CIS	Francea	Italya	Japan	People's Republic of China	Australia	United Kingdom	European Space Agency	India	Israel
1957		2									
1958	5	1									
1959	10	3									
1960	16	3									
1961	29	6									
1962	52	20									
1963	38	17									
1964	57	30									
1965	63	48	1								
1966	73	44	1								
1967	57	66	2	1			1				
1968	45	74	۷	1			1				
1969 1970	40 28	70	2	1 b	1	1					
1970	30	81 83	1	2 b	1 2	1 1		1			
			1			1		1			
1972	30	74		1	1						
1973	23	86		2 b							
1974	22	81			1						
1975	27	89	3	1	2	3					
1976	26	99			1	2					
1977	24	98			2						
1978	32	88			3	1					
1979	16	87			2				1		
1980	13	89			2					1	
1981	18	98			3	1			2	1	
1982	18	101			1	1					
1983	22	98			3	1			2	1	
1984	22	97			3	3			4		
1985	17	98			2	1			3		
1986	6	91			2	2			2		
1987	8	95			3	2			2		
1988	12	90			2	4			7		
1989	17	74			2				7		1
1990	27	75			3	5			5		1
1991	20 ^c	62			2	1			9	1	
1992	31 ^c	55			2	3			7 ^b	2	
1993	24 °	45			1	1			7 b		
1994	26 °	49			2	5			6 b	2	
1995	27 °	33 b			1	2 b			12 b	-	1
1996	32 °	25			1	$\tilde{3}^{d}$			10	1	-
1997	25	18			1	4			7	1	
	eptember 30,				•	•			•		
TOTAL	1,108	2,543	10	8	51	46	1	1	93	10	3

a. Since 1979, all launches for ESA member countries have been joint and are listed under ESA.

b. Includes foreign launches of U.S. spacecraft.

c. This includes commercial expendable launches and launches of the Space Shuttle, but because this table records launches rather than space-craft, it does not include separate spacecraft released from the Shuttle.

d. This includes the launch of ChinaSat 7, even though a third stage rocket failure led to a virtually useless orbit for this communications satellite.